

## Metabolic Pathway of Cysteamine

Cysteine

Synthetase

4'-Phosphopantothenoyl-l

Cysteine

Coenzyme A (CoA)

Lysosomal acid phosphatase

Dephospo-CoA

Nuclear or microsomal

nucleotide pyrophosphatases

4' - phosphopantetheine

Lysosomal acid phosphatase

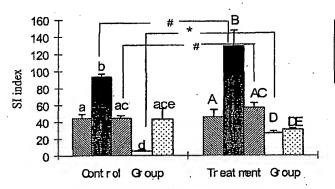
Pantetheinase **Pantetheine** 

Cysteamine

Dioxygenase Hypotaurine

Oxidation **Taurine** 

Decarboxylase



⊠Roughage phase

BiConcentrate phase

BiDay 8 after rumen operation

Dibay 4 after duodenum operation

Dibay 13 after duodenum operation

FIG. 3